

ABSTRACT OF THE DISCLOSURE

A device for use with a piano includes a housing configured to reside above a minor rearward portion of a keyboard of the piano and includes an array of signal generators mounted to the housing to monitor activities of the individual keys, without requiring any mechanical contact with the keys. Each signal generator is operatively associated with a single key and includes at least one light emitting device positioned to direct light so as to directly impinge the associated key when the key is in its rest position. In its preferred embodiment, the movement of each white key is monitored using light reflecting techniques, while the movement of each black key is monitored using light transmitting techniques. Piano pedal movement may also be monitored, but non-optical techniques may be employed.